



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor

Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

Date: June 1, 1999 (updated December 2006)

To: All individuals proposing Chemical Use

From: Russ Land, Bureau of Water Pollution Control, Nevada Division of Environmental Protection

RE: Information required for review by the Division for approval of chemical use.

The Nevada Division of Environmental Protection is requiring the following information be provided for any individual or organization seeking approval for chemical use, including chemicals for scale inhibitors, corrosion inhibitors, well rehab or cleaning, cooling towers, etc.

- 1) **Summary of chemical(s), including a description of the different chemicals to be used and will the chemicals be used at the same time or sequentially, description of chemical monitoring before and after application,**
 - i. **Include chemical name, formula and CAS number of all chemical components of the solution(s).**
- 2) **Manufacturer's name, phone and address;**
- 3) **Environmental Data Sheet (EDS) or if EDS is not available, a MSDS;**
- 4) **Total mass/volume of dry/liquid chemical to be used and frequency of use;**
- 5) **Concentration, in parts per million/billion, of chemical mixture prior to application and after application;**
- 6) **Discuss where the water which this chemical comes in contact with is discharged or ends up;**
- 7) **Decomposition products at 20°C and maximum temperature and pH encountered; and time to decompose; and**
- 8) **Discuss the interaction between the proposed chemicals/additives and chemicals/additives already in use, and the by-products of their interaction. Also discuss any potential chemical interactions and/or by-products from reactions with the ground water.**

Note: Chemical information shall be submitted to the Division that clearly states the chemical composition (what's in it and at what concentration/mass) of the material. If the information is not provided, the Division will not approve this chemical for use.

Historically, it has been difficult for the Division to make a determination regarding the impact of these chemicals on the environment and ground/surface waters with the limited amount of information that has been provided. Hopefully, this notification will eliminate the need for requests by the Division for additional information, hence expediting the approval process.